

**AMENDMENTS TO THE ABSTRACT**

Please amend the Abstract as follows:

An optical fiber setting adequacy evaluation unit ~~(115)~~ is disclosed for evaluating a setting adequacy on a body surface in an inspection area of irradiation use optical fibers ~~(103)~~ or. The evaluation unit can also be used for setting the accuracy of light receiving use optical fibers ~~(103')~~ at both ends of respective measurement channels in an optical measurement apparatus for living body ~~(100)~~. The evaluation unit evaluates the setting adequacy on the body surface of a subject of the irradiation use optical fibers ~~(103)~~ or of light receiving use optical fibers ~~(103')~~ for the respective measurement channels. The evaluation is performed based on pulse wave intensities of the respective measurement channels calculated by a pulse wave calculation unit ~~(114)~~ which. The pulse wave calculation unit calculates the intensities of the pulse wave due to heartbeats of a subject contained in hemoglobin signals of the respective measurement channels calculated by a hemoglobin signal calculation unit ~~(113)~~, thereby allowing the setting adequacy is to be correctly judged.